PATENT COOPERATION TREATY

REC'D 3 0 MAY 2005

From the: INTERNATIONAL SEARCHING AUTHORIT	ſΥ		WIPO PCT	
To:]	PCT	
SIMS, Antonia Luz Ines PO Box 15-420, Iprima Suite Plaza del Sol, 160 Killarney Road, Hamilton New Zealand		,,,,,	TTEN OPINION OF THE DNAL SEARCHING AUTHORITY (PCT Rule 43bis.1)	
		Date of mailing (day/month/year)	2 6 MAY 2005	
Applicant's or agent's file reference		FOR FURTHER AC		
72T3036tooth		,	See paragraph 2 below	
International application No.	International filing date	(day/month/year)	Priority date (day/month/year)	
PCT/NZ2005/000060	29 March 2005		29 March 2004	
International Patent Classification (IPC) or Int. Cl. ⁷ E02F 9/28 B02C 17/20, 18		ation and IPC		
	8/18			
Applicant SHARP, Rodney Warwick	•			
ordina, reduction was mon				
This opinion contains indications relat	ting to the following ite	ems:		
X Box No. I Basis of the opinion	_			
Box No. II Priority	•		·	
<u> </u>	of oninion with regard to	novelty, inventive step	and industrial applicability	
Box No. IV Lack of unity of inv	• -	,, ,,	,	
·) with regard to novelty.	inventive step or industrial applicability;	
citations and explan	nations supporting such s			
Box No. VI Certain documents	cited		-	
Box No. VII Certain defects in the	he international application	on		
Box No. VIII Certain observation	ns on the international app	plication		
2. FURTHER ACTION If a demand for international preliminary examination is made, this opinion will be considered to be a written opinion of the International Preliminary Examining Authority ("IPEA") except that this does not apply where the applicant chooses an Authority other than this one to be the IPEA and the chosen IPEA has notified the International Bureau under Rule 66.1 bis(b) that written opinions of this International Searching Authority will not be so considered. If this opinion is, as provided above, considered to be a written opinion of the IPEA, the applicant is invited to submit to the IPEA a written reply together, where appropriate, with amendments, before the expiration of 3 months from the date of mailing of Form				
PCT/ISA/220 or before the expiration of	22 months from the prio	rity date, whichever exp	ires later.	
For further options, see Form PCT/ISA/2	220.			
3. For further details, see notes to Form PCT/I	SA/220.		•	

Name and mailing address of the IPEA/AU
AUSTRALIAN PATENT OFFICE
PO BOX 200, WODEN ACT 2606, AUSTRALIA
E-mail address: pct@ipaustralia.gov.au
Facsimile No. (02) 6285 3929

Authorized Officer

SARAVANAMUTHU PONNAMPALAM

Telephone No. (02) 6283 2070

WRITTEN OPINION'OF THE INTERNATIONAL SEARCHING AUTHORITY

International application No.

PCT/NZ2005/000060

Во	x No. I	Basis of the opinion
1.	With regar	rd to the language, this opinion has been established on the basis of the international application in the language in ras filed, unless otherwise indicated under this item.
	the fo	opinion has been established on the basis of a translation from the original language into bllowing language , which is the language of a translation furnished for the purposes of national search (under Rules 12.3 and 23.1(b)).
2.	With regar	rd to any nucleotide and/or amino acid sequence disclosed in the international application and necessary to the vention, this opinion has been established on the basis of:
	a. type of	f material
		a sequence listing
		table(s) related to the sequence listing
	b. format	of material .
		in written format
		in computer readable form
	c. time of	f filing/furnishing
		contained in the international application as filed.
		filed together with the international application in computer readable form.
		furnished subsequently to this Authority for the purposes of search.
3.	filed	dition, in the case that more than one version or copy of a sequence listing and/or table relating thereto has been or furnished, the required statements that the information in the subsequent or additional copies is identical to that application as filed or does not go beyond the application as filed, as appropriate, were furnished.
4.	Additional	comments:
	•	
	•	

WRITTEN OPINION'OF THE INTERNATIONAL SEARCHING AUTHORITY

International application No.

PCT/NZ2005/000060

Box No. V	Reasoned statement under Rule 43bis.1(a)(i) with regard to novelty, inventive step or industrial applicability; citatious and explanations supporting such statement				
1. Statement	t				
N	ovelty (N)	Claims 5-10,13,14,16,18-21,23-25,27,29-32,3	6-41	YES	
		Claims 1-4,11,12,15,17,22,26,28,33-35		NO	
· Ir	iventive step (IS)	Claims		YES	
		Claims 1-41		NO	
Ir	dustrial applicability (IA)	Claims 1-41		YES	
		Claims		NO	

2. Citations and explanations:

NOVELTY and INVENTIVE STEP (IS)

The prior art documents are:

D1 DE3520370 A

D2 AU 63759/98 A

D3 US 6108896 A

D4 FR 2256996 A

D5 JP 7190024 A

Features of claims 1-26 & 28-41 are either disclosed or are considered to be features known to a person skilled in the art.

Hence lack novelty and/or inventive step.

Features of claim 27 is disclosed when disclosures of any one of the citation D1, D2 or D3 is combined with disclosures of either one of the citation D4 or D5.

Hence claim 27 lack an inventive step.

PATENT COOPERATION TREATY

REC'D	3 O	MAY	2005
WIDO			PCT

From the:		
INTERNATIONAL	SEARCHING	AUTHORITY

To:			PCT
SIMS, Antonia Luz Ines			
PO Box 15-420, Iprima Suite		XI (D.)	TTEN OPINION OF THE
Plaza del Sol, 160 Killarney Road,			TTEN OPINION OF THE DNAL SEARCHING AUTHORITY
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		Date of mailing (day/month/year)	2 6 MAY 2005
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Applicant			,
SHARP, Rodney Warwick			
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citations and expla	nations supporting such s	tatement	inventive step of industrial approaching,
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Box No. VII Certain defects in t	the international application	on	
Box No. VIII Certain observation	ns on the international app	olication	
2. FURTHER ACTION			
Preliminary Examining Authority ("IPE be the IPEA and the chosen IPEA has no Searching Authority will not be so consi	A") except that this does a otified the International B idered.	not apply where the app ureau under Rule 66.1 <i>b</i>	dered to be a written opinion of the International licant chooses an Authority other than this one to is(b) that written opinions of this International
If this opinion is, as provided above, cor written reply together, where appropriate PCT/ISA/220 or before the expiration of	e, with amendments, befo	re the expiration of 3 m	applicant is invited to submit to the IPEA a onths from the date of mailing of Form bires later.
For further options, see Form PCT/ISA/			•
3. For further details, see notes to Form PCT/	TISA/220.		•
		Authorized Offices	
Name and mailing address of the IPEA/AU AUSTRALIAN PATENT OFFICE		Authorized Officer	
PO BOX 200, WODEN ACT 2606, AUSTRA	LIA .	SARAVANAMU	THU PONNAMPALAM
E-mail address: pct@ipaustralia.gov.au		Telephone No. (02)	6283 2070
Facsimile No. (02) 6285 3929			

WRITTEN OPINION'OF THE INTERNATIONAL SEARCHING AUTHORITY

International application No.

PCT/NZ2005/000060

Box	No. I Basis of the opinion	
1.	With regard to the language, this opinion has been established on the basis of the international application in the language is which it was filed, unless otherwise indicated under this item.	in
	This opinion has been established on the basis of a translation from the original language into the following language , which is the language of a translation furnished for the purposes of international search (under Rules 12.3 and 23.1(b)).	i
2.	With regard to any nucleotide and/or amino acid sequence disclosed in the international application and necessary to the claimed invention, this opinion has been established on the basis of:	
	a. type of material	
	a sequence listing	1
	table(s) related to the sequence listing	i
	b. format of material	
	in written format	
	in computer readable form	
	c. time of filing/furnishing	
	contained in the international application as filed.	
	filed together with the international application in computer readable form.	
	furnished subsequently to this Authority for the purposes of search.	
3.	In addition, in the case that more than one version or copy of a sequence listing and/or table relating thereto has been filed or furnished, the required statements that the information in the subsequent or additional copies is identical to that in the application as filed or does not go beyond the application as filed, as appropriate, were furnished.	at
4.	Additional comments:	

WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY

International application No.

PCT/NZ2005/000060

		t under Rule 43 <i>bis.</i> 1(a)(i) with regard to novelty, inventive step or industrial ons and explanations supporting such statement			
1. Statement					
Novelty	(N)	Claims 5-10,13,14,16,18-21,23-25,27,29-32,3	6-41	YES	
		Claims 1-4,11,12,15,17,22,26,28,33-35		NO	
Inventive	e step (IS)	Claims		YES	
	•	Claims 1-41		NO	
Industria	al applicability (IA)	Claims 1-41		YES	
		Claims		NO	

2. Citations and explanations:

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